

CO₂ Mineralization for *in situ* Storage and *ex situ* Enhanced Metals Recovery



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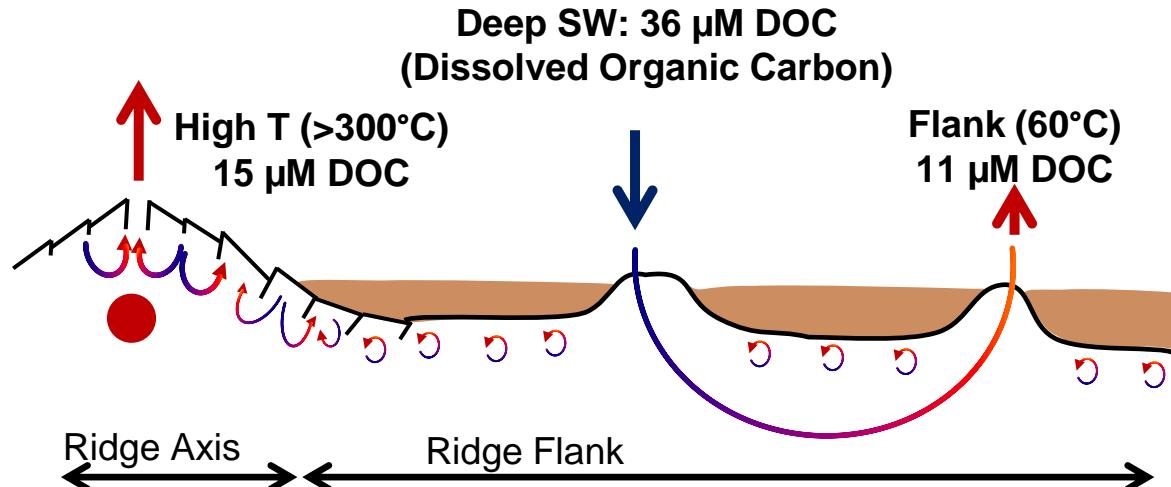
- B.S. Chemistry, MIT
- Ph.D. Chemical Oceanography, Univ Washington
- Postdoc, Scripps Inst. of Oceanography
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Technology or focus area

- Carbon cycling in hydrothermal systems
- Water-rock-microbe interactions
- Organic geochemistry; isotopic analysis

Ideas, Interests, Concepts to be Explored

Sequestering carbon in its organic form



DOC loss

Mafic, high temperature (>300°C)	60 – 70%
Mafic, ridge flank (~60°C)	60 – 70%
Ultramafic, all temperatures	> 95 %